

Lake Tahoe Restoration Projects
Approved August 5, 2004 Under Round 5 of the
Southern Nevada Public Land Management Act

Agency	SAG Recommended Primary Project Recommendations (\$ in thousands)	Tahoe Working Group Primary Project Recommendations (\$ in thousands)	Total Proposed Primary Projects Funding Recommendations (\$ in thousands)
US Forest Service	\$900.0	\$23,101.9	\$24,001.9
Bureau of Reclamation		\$1,500.0	\$1,500.0
Natural Resources Conservation Service		\$500.0	\$500.0
US Geological Survey	\$400.0	\$300.0	\$700.0
US Environmental Protection Agency	\$2,425.0	\$808.0	\$3,233.0
US Army Corps of Engineers		\$930.0	\$930.0
Federal Highway Administration		\$6,220.0	\$6,220.0
Total Round 5 Primary Projects	\$3,725.0	\$33,359.9	\$37,084.9

Lake Tahoe Restoration Projects -Primary List
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Priority	Agency	Threshold	EIP#	Project	Project Description	SAG Recommended Round 5 Funding (\$ in thousands)	Recommended Round 5 Funding (\$ in thousands)
1	NRCS	WQ	16	Back Yard Conservation Program	One year funding request to provide technical assistance to single family residential parcels in designing and applying BMP's to contain sediment and nutrients on-site during stormwater runoff events. The product is site evaluations and engineered designs for BMP's developed for each private parcel in the Lake Tahoe Basin.		\$500.0
1	EPA	WQ	627	Pelagic Zone Water Quality and Modeling of Fine Sediment Source, Transport and Fate	This project is intended to (1) establish a monitoring program to evaluate trends in lake particle composition, (2) gain a better understanding of the sources of fine sediments entering the lake, (3) evaluate other physical, chemical and biological processes that effect algal growth, particle distribution and clarity, and (4) further refine the Lake Clarity Model.	\$200.0	\$200.0
1	EPA	WQ, S	628	Direct Runoff Monitoring and Load Modeling	This project will provide an evaluation of nutrient and sediment loading to Lake Tahoe from intervening watershed areas and from developed zones of the Lake Tahoe Basin.	\$250.0	\$250.0
1	USGS	WQ	627, 628	Groundwater Monitoring and Modeling	Determine impacts to groundwater quality from infiltration practices over different land-use classes, considering recharge rates and water quality characteristics. Emphasis will be placed on nitrogen and phosphorus.		\$300.0
1	BOR	AQ, T, R	763 & 854	Truckee River Outlet Improvements & Lakeside Trail Crossing	This project will construct: a multi-use trail crossing attached to the Lake Tahoe Dam; multi-use trail segments connecting with existing trails; four river overlooks, two on each side of the river; two public plazas; bicycle parking; benches; seating walls; environmental and historical interpretive signage; 15 spaces of on-site parking; extensive drainage improvements; pedestrian channelization along Fanny Bridge; and, 350 linear feet of river and lake shore revegetation and stabilization.		\$1,500.0
1	USFS	ALL	806	Origin and Destination Survey and Transportation Model	The U.S. Forest Service, in partnership with the Tahoe Regional Planning Agency (TRPA) as the Tahoe Metropolitan Planning Organization for the Lake Tahoe Basin will complete the Origin and Destination Study, and update to the Lake Tahoe Travel Demand Model. The Origin and Destination Study (O&D Study) and the development of the Lake Tahoe Travel Demand Model will be conducted and overseen by the TRPA Transportation Division. The Origin and Destination Study will include surveying visitors and residents within the Lake Tahoe Basin Area. This includes recreational spots contiguous to the Basin such as Northstar at Tahoe. Development of the Lake Tahoe Travel Demand Model will include conversion of the existing model now in TRANPLAN software, to a Geographic Information Systems based software (TRANSCAD). Completion of a new model in TRANSCAD with inputs from the O&D Study, TRANPLAN model, and most current land use and demographic data available for the Basin and outlying areas.		\$700.0
1	USFS		839	West Shore Transit Start-up and Operations	Start West Shore Transit serving recreation sites along west shore of Lake Tahoe.		\$250.0
1	USACE	F, WQ	880,881, 882	Edgewood Creek Restoration	Complete project planning, design, and construction to restore portions of Edgewood Creek based on completed findings of Edgewood Stream Assessment completed by Nevada Division of State Lands and TRPA.		\$280.0

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1	USFS	W	933	East Shore Furbearers Monitoring	The requested funds will be used for winter snowtracking for furbearers and their associated prey, along two established 2500 meter transects. The control transect is established for a treatment site located within Heavenly Ski Resort's boundaries. Heavenly is proposing to develop a cross-country skiing/showshoeing trail system in an area within their Special Use Permit boundary, but which is not currently developed. This study will focus on data collection, pre- and post-treatment, as an index of use. In addition to snowtracking, small mammal trapping will be conducted to get a census of furbearer prey status in the snow-free months at the treatment site and at the control site. In addition, the continuation of remote camera surveys in East Shore watersheds is also proposed, to further define suitable furbearer habitat by determining presence/absence. The remote camera study will be conducted in the areas between Incline, Nevada and South Lake Tahoe, California.		\$20.0
1	USFS	WQ, S, W, R	965.04	Meiss Trailhead BMP Upgrades	Install necessary BMP upgrades on trails in the Meiss Trailshed to reduce impacts to resources.		\$313.5
1	USFS	WQ, S, R	965.04	Freel Peak Trails BMP Upgrades	Reroute and BMP upgrade trails to reduce impacts to resources.		\$265.0
1	USFS	WQ, R	965.043	Lam Watah Trail BMP Upgrades	Install BMP upgrades to reduce impacts to water quality and allow accessible and safe trail use.		\$449.9
1	USFS	S, R	967.04	Hawley Grade Trail Slide Reconstruction	Stabilize slide area with retaining wall and anchors.		\$100.0
1	USFS	S, WQ, W, R	967.06	North Shore Trails Water Quality Assessment & NEPA	Prepare NEPA for trail upgrades.		\$50.0
1	USFS	WQ	967.08	Angora Road Decommissioning and BMP Upgrades	The project includes decommissioning roads and road features, water quality upgrades on system roads, seasonal gate closures and system conversion of road and trails in the Angora/Twin Peaks project area.		\$300.0
1	USFS	WQ	967.112	Pope Beach Parking Lot BMPs & Transit Improvements- Phase 2	This project is the second phase of a multi-phased project. The second phase includes the re-grading, shaping, installing grease and oil separators/filters, reconstruct entry plaza and surface with ac pavement and construct bus stops capable of supporting future public transit. Parking facility shall be designed with Best Management Practices and with consideration for its proximity to Pope Marsh and Lake Tahoe. The parking area will be regarded and shaped to convey surface water to runoff treatment chambers. Treatment chambers will be sized for the 20year 1-hour storm event and will be capable of removing sediments as well as petroleum before being discharged to areas capable of percolating treated water. Parking area will receive a paved structural surface suitable for conventional bus traffic. All work will be confined to existing surfaced area.		\$1,268.8
1	USFS		967.113	Spring Creek Rd BMP Upgrades	Survey, design, contract prep and implementation to provide improved hydraulics, and protection to two stream crossings.		\$182.9

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1	USFS	WQ	967.151	Saxon Creek Low Water Crossing - Design	Project involves the removal of existing treated timber structure and replace with concrete low water crossing. Structure may require a short span to clear low flows. Road access to crossing will be paved with ac pavement. Project is located within a sez.		\$47.0
1	USFS	WQ	967.156	High Meadows Road and Trail BMPs NEPA & Design	Plan and design the water quality upgrades for the High Meadows transportation system.		\$110.0
1	USFS	WQ	967.17	Basin Revegetation/Restoration Contract	Revegetation of projects on existing roads and travel ways, with a 150 feet buffer including landings, staging areas and recreation sites etc. The work may include the collection and analysis of soil samples; scarification; compost application; fertilizer application; seeding; mulch and tackifier application; and irrigation.		\$50.0
1	USFS	WQ, R	984	Camp Richardson Master Plan - NEPA/Design	This project has three major components: 1) Complete the Master Plan process for the Resort, 2) Prepare conceptual designs for the Resort's 5 campgrounds including removing tent sites from the sensitive land adjacent to Pope Marsh, and 3) Prepare and complete the necessary environmental documentation for future implementation of the campground rehabilitation plans. A critical element of the planning and design efforts will be to design water quality Best Management Practices to bring the facilities into compliance with the RWQCB Lake Tahoe Basin Plan and TRPA's 208 Plan which calls for the implementation of all BMPs by 2007.		\$225.0
1	FWHA	WQ	994	US 50 South "Y" to Ski Run Blvd. - Phase 1	The US 50 Highway Improvement Project Phase I (between Ski Run Blvd. and Trout Creek) is to provide water quality improvements for both conveyance and treatment. These improvements include new curb and gutter, drop inlets, and detention basins, designed to treat roadway runoff prior to discharging into Lake Tahoe. While the project will also include a Class I bicycle facility, sidewalks and landscaping, this SNPLMA request is only for the water quality component of the overall project.		\$4,000.0
1	EPA	AQ, WQ	10030	Mobile Emissions Measurement and Modeling in the Lake Tahoe Basin	This project will measure how factors such as meteorology and road improvements influence road dust emission factors in the Lake Tahoe basin over the course of one year. These data will be integrated with Traffic Demand and Forecasting Models maintained by TRPA to be used as a long term planning tool.	\$175.0	\$175.0
1	FWHA	WQ	10060	Kings Beach Commercial Core - SR 28	The Federal Highway Administration, in conjunction with Placer County, Caltrans, TRPA and the North Lake Tahoe Resort Association, requests funding to implement water quality improvements, upgrade bicycle and pedestrian facilities, and improve the streetscape along SR 28 in the Kings Beach Commercial Core. Funding from this request will be used for environmental documentation and preliminary design.		\$1,200.0

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1	USFS	V, W	10080	Aspen Community Restoration	The LTBMU assessed the location, size, condition, and risk of loss of aspen stands across approximately half of the Lake Tahoe Basin in 2002 and 2003. This project will assess the location, size, condition, and risk of loss of the remaining aspen stands on the Forest.		\$215.0
1	USFS	WQ	10101.1	Valhalla Pier BMP and Accessibility Upgrades	Project involves the removal of existing pavement, grading, paving, rock masonry work, site restoration work along shore and connecting existing pier to shore to meet accessibility code and standards. Project is located adjacent to Lake Tahoe.		\$200.0
1	USACE	WQ	10109	BMP Effectiveness	The products of this project will be directly incorporated into the Lake Tahoe Nutrients and Sediment TMDL for the evaluation and representation of BMPs in the watershed model currently being developed for the TMDL and development of a BMP design manual for implementing agencies and practitioners. These products will also be used during stakeholder processes to build consensus on BMP performance, load reduction evaluation and tracking, and the cost to implement selected BMPs on a basin-wide scale.		\$650.0
1	USFS	V, W	10123	Riparian Fuels Reduction Monitoring	The proposed project will concentrate on the effects of fuels reduction treatments on vegetation and wildlife in montane riparian zones severe wildfire risk areas. The need for information on disturbance processes and patterns of land cover and species occurrence in riparian systems extends throughout the Sierra Nevada; data ultimately should be gathered for a range of stream types and geophysical settings.	\$100.0	\$100.0
1	USFS	V, W	10123	Upland Fuels Reduction Monitoring Program	The proposed project will concentrate on the effects on vegetation and wildlife of fuels reduction treatments in upland montane vegetation in the wildland-urban interface. Riparian zones will be considered in a linked proposal. At least three monitoring types will be selected for field sampling during the 2005 seasons (work likely will extend for several more years, but funding beyond 2005 is not sought in this proposal).	\$100.0	\$100.0

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1	USFS	WQ, V, W	10123	Effects of Fire and Long-term Fire Suppression on Tahoe Basin Water Quality and Biodiversity	We propose to assess the effects of fire suppression, wildfire, and prescribe fire on soil nutrient status, surface and subsurface discharge water quality, vegetation re-growth, carbon and nutrient budgets, and biodiversity. Water quality measurements will include a water balance, soil solution, and surface runoff collections. Soils and vegetation will be sampled in mature forests subjected to long-term fire suppression, areas of post-wildfire recovery, following prescribed burns, and adjacent unburned areas so that carbon and nutrient budgets can be constructed. These results will be extrapolated in time and space using a combination of simulation modeling and assessment of historic fire regimes common to the region. This approach will allow us to assess the effects of fire, and hence fire suppression, on soil fertility, discharge water quality, and the health of the re-growing forest. Mitigation strategies dictate the need for a more comprehensive understanding of the effects of fire and fire suppression on nutrient budgets, discharge water quality, and biodiversity.	\$200.0	\$200.0
1	USFS	W, S WQ, F, V	10133.1	Cookhouse Meadow Restoration, Plan/Design/Construct	The LTBMU, Ecosystem Restoration Group proposes to restore fluvial geomorphic and ecological processes at Cookhouse Meadow by constructing a new section of the Big Meadow Creek channel through the meadow. The new section of channel will replace the deeply incised channel that has disconnected stream flows and ground water from the meadow surface.		\$902.1
1	EPA	ALL	10154	Tahoe Integrated Information Management System (TIIMS)	TIIMS, a bi-state, multi-agency system, will provide access to key environmental data and information about the Lake Tahoe Region through the World Wide Web. Using the latest Internet technologies, TIIMS will be an online gateway to resources that will enable users to both access, identify, share, and contribute valuable environmental information and, to query, interpret, and map resources with a geographically distributed system of support tools. TIIMS will also provide data for California and Nevada statewide environmental data systems, which in turn are linked to EPA's environmental information systems.		\$808.0

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1	USFS	V	10159	Implementation of Tahoe Yellow Cress Strategy	Two sites on Forest Service System lands have been previously selected for the reintroduction of Tahoe yellow cress (TYC) plants; the plants have been growing in nurseries during the past year. A total of 600 plants will be outplanted at Baldwin Beach, within a fenced area that was outplanted in 2003. A total of 500 plants will be outplanted at Nevada Beach in a new enclosure, which will be located adjacent to the existing one. The plants will be monitored monthly to determine their phenological growth and to see if disturbance occurs. During 2003 TYC was outplanted at Zephyr Cove, these plants will also be monitored on a monthly basis. During the first week of September, 2004, an interagency Basin-wide annual survey will be conducted. The Forest Service will survey the National Forest System lands to monitor naturally-occurring populations of TYC. A genetics study, in collaboration with TRPA and the FS Genetics Lab in Placerville, will be conducted to address specific questions about TYC.		\$100.0
1	USGS		10162	Land-cover characterization of the Lake Tahoe Basin	This project proposes to (1) map the current and historical state of the land surface, (2) conduct analysis to document patterns, rates, and trends in urbanization and land-use change, and (3) assess the causes and possible environmental consequences of land-use change.	\$150.0	\$150.0
1	USFS	ALL	10163	Lake Tahoe Adaptive Management Framework	The goal this project is to implement the strategies developing in the Phase I Adaptive Management Framework (AMF) Development Project to develop an AMF as the basis for environmental management within the Lake Tahoe basin for the 2007 Regional Plan. This would entail: (1) the development of a suite of environmental indicators (includes updated TRPA Environmental Thresholds - with TMDLs, and USFS Desired Future Conditions) for use evaluating the condition of the Lake Tahoe basin environment and guiding restoration strategies within the basin; (2) development of a methodology that links EIP project implementation priorities to the environmental indicators; (3) development of an adaptive management needs assessment for each element of the TRPA and USFS regional plans using the procedures developed in the Phase I AMF Development Project; and (4) development of a stakeholder education interface for the integrated threshold assessment model so that it can be used to better inform the collaborative process to update thresholds, develop TMDLs for Lake Clarity, and update agency plans known as Pathway 2007.	\$500.0	\$500.0

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1	USFS	W	10163.2	Lake Tahoe Urban Lot Biodiversity Study Data Collection	Land development, fragmentation, and disturbance affect all land ownerships and present complexities to all of the Basin's land management and environmental regulatory agencies in the basin (e.g., the US Forest Service, Tahoe Regional Planning Agency, Nevada Division of State Lands, and California Tahoe Conservancy). Many other organizations have an interest in the effects of human development and disturbance on biological diversity, such as the League to Save Lake Tahoe and the Lahonton Regional Water Quality Control Board. The management of urban-wildland interface areas may be pivotal in maintaining important ecological services, and it is clearly a priority in guiding the development of management direction and restoration activities in the Basin over the decades to come. Sampling will focus on how the Basin's lower-elevation forested ecosystems are being impacted by fragmentation. During the next two years, bird, mammal, insect, and plant species data will be collected, in addition to basic data on vegetation structure and composition and ground cover.		\$375.0
1	USFS	ALL	10163.33	Adaptive Management Framework Development	The Adaptive Management Framework is a process to assist in the completion of regional plans for TRPA and USFS and the TMDL. This process is a collaborative work in support of Pathway 2007. Currently, Phase I of the AMF is in it's final phases. Phase II will take the findings of Phase I and provide data for threshold update, development of TMDLs, and update agency plans for Pathway 2007 agencies. Specifically, this project will provide the funding for Forest Service Staff participation.		\$300.0
1	USFS	multiple	10163.47	NRIS/GIS Adaptive Management	Develop and begin implementation of a comprehensive Adaptive Management Monitoring and Research Plan for the LTBMU, utilizing NRIS and GIS to incorporate and integrate data from appropriate sources, including: data collection efforts regarding the status/trend of natural resources, cause/effect relationships regarding land uses or disturbances and the consequent natural resource responses, and implementation of Best Management Practices that prevent or mitigate adverse impacts to natural resources.		\$150.0
1	USFS	W	10163.48	Multi-Species Inventory & Monitoring Implementation	The Multi Species Project utilizes the Multiple Species Inventory and Monitoring (MSIM) protocol, which was conceived as part of the Sierra Nevada Framework Project as a means of monitoring the large number of species of concern throughout the Sierra Nevada in an effective and cost efficient manner. The MSIM protocol is now being developed as a national protocol that has the potential to meet the monitoring needs of every Region.		\$1,230.0

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1	USGS	ALL	10164	Tahoe Decision Support System	One of the objectives of the USGS Geographic Analysis and Monitoring (GAM) Program is to provide decision-makers with tools to evaluate complex scientific information regarding the ecosystem and economic impacts of management activities and regulations. This program integrates community-based values and science into usable land use decision-making tools, helping managers evaluate possible solutions by evaluating their plausible outcomes. At Lake Tahoe, this program will provide a GIS-based land planning tool considering socioeconomic and environmental impacts of agency-identified controls aimed at attaining environmental standards. The tool will use relevant existing economic and environmental research and will commission further economic research to evaluate scenarios of possible future regulatory, development, environmental and economic choices and outcomes	\$250.0	\$250.0
1	EPA	ALL	10166	Tahoe Environmental Science System	The U.S. EPA will administer the Tahoe Environmental Science System (TESS) including providing staffing and administrative support to the Consortium Board, Science Advisory Group and Science Review Board.	\$300.0	\$300.0
1	USFS	V	10176.204	Quail Ecosystem Restoration, Vegetation Treatment (Mechanical) +1035 acres	Conduct hazardous fuel reduction treatments for the west shore area of the Lake Tahoe Basin. These fuel reduction treatments would cover the National Forest areas from Emerald Bay north to Blackwood Canyon and would focus on the Urban Wildland Interface. These treatments would reduce the level of hazardous fuels within the defense and threat zones which include the use of mechanical thinning to reduce live tree densities and the use of prescribed burning and mechanical chipping to reduce the amount of existing dead and down biomass to reduce fire hazards. This project was one of a multiple number of projects identified from the West Shore Landscape Analysis (2001), an ecosystem level analysis.		\$995.0
1	USFS	V	10177.04	South Shore Ecosystem Restoration Vegetation Treatment - NEPA	Conduct site specific project planning for the completion of an Environmental Analysis for the south shore area of the Lake Tahoe Basin. The analysis would cover the National Forest areas from Emerald Bay south to Luther Pass and east to the Kingsbury Grade corridor and would focus on the Urban Wildland Interface. The EA would identify areas in need of hazardous fuels reduction work, which could include mechanical thinning to reduce tree densities and prescribed burning and mechanical removal to reduce the amount of existing dead and down biomass to reduce fire hazards. This project is one of a multiple number of projects identified from the South Shore Landscape Analysis (2004), an ecosystem level analysis.		\$445.0
1	USFS	V	10179.04	North Shore UB-3 Underburn	Implement a management ignited underburn.		\$140.0
1	USFS	WQ	10183.04	Land Acquisitions	This proposal is for partially funding the LTBMU acquisition of 12 environmentally sensitive urban lots currently held in private ownership within Lake Tahoe Basin.		\$2,722.7

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1	USFS	V	10183.1	Urban Lot Management - Timber Stand and Watershed Improvement	Timber Stand Improvement: This project includes hazard tree abatement; stewardship/forest product permits for small tree thinning and dead trees, forest health thinning, and removal of active insect and disease activity on urban parcels. Watershed Restoration: This project includes minor erosion control/restoration projects, refuse removal, monitoring of parcel conditions, and noxious weed abatement.		\$450.0
1	USFS	V	10183.304	Urban Lot Management - Hazardous Fuels	Hazardous Fuels Reduction on urban intermix parcels (acquired under authority of the Santini-Burton Act) and urban interface lands: This project is for initial treatment of fuels through thinning of trees and brush, chipping slash and pile burning. Most thinning will be done by hand, however equipment may be used over the snow or on dry ground where land capability and slope permit. Chipping slash will be preferred over burning when slash can easily be moved to a road that a chipper can access.		\$545.0
1	EPA	WQ, AQ, S	430, 628, 629, 653, 667,960, 10104, 10109, 10111, 10145, 10164	Lake Tahoe Total Maximum Daily Load (TMDL)	Provides EPA support for development of the technical pieces of the Lake Tahoe TMDL and collaboration/integration process of the Lake Tahoe TMDL into other basin planning efforts. An extensive stakeholder collaboration effort is planned to develop an effective and economically viable implementation plan that will protect and restore the famed clarity of Lake Tahoe.	\$1,500.0	\$1,500.0
1	FWHA	ALL	various	US50/Stateling Corridor Project	The Federal Highway Administration, as lead agency, partnering with the Tahoe Regional Planning Agency, Nevada Department of Transportation, California Department of Transportation, local agencies, and interested parties requests funding to complete required environmental documentation, preliminary engineering and design. Recommended Alternatives may provide water quality, intersection, roadway, pedestrian, bicycle, air, and scenic improvements as identified in Tahoe Regional Planning Agency's Environmental Improvement Program (EIP). Several separate projects identified in the EIP will be implemented as a packaged project. Projects have been identified under several jurisdictions including NDOT, Caltrans, Douglas County, and City of South Lake Tahoe. In order to move these several projects forward, adequate environmental documentation is required, engineering studies, and the ultimate facility design is needed. Public outreach during the environmental process is also required and will be a major component of this effort.		\$1,020.0
1	USFS	All	Various	Erosion Control Grants	Grant awards to governing bodies of political subdivisions within the Lake Tahoe Basin to plan, design, implement, and monitor urban stormwater treatment projects.		\$10,000.0
Total Round 5 Primary Projects							\$37,084.9

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2	EPA	WQ	628	Littoral Zone Water Quality Processes and Modeling	Determine linkages of near-shore periphyton and water quality to land-use, landscape characteristics and pollutant discharge. Integrate results with GIS data. Design monitoring program to determine trends. Determine key biological and ecological processes controlling algal growth. Quantify and model transport processes from near-shore zone to pelagic zones.			0
2	EPA	WQ	629	Lake Tahoe Basin Source Water Protection Program	The <i>Tahoe Basin Source Water Protection Program</i> (Program) is a critical element in the protection of drinking water resources in the Region. This Program complements existing water quality programs (i.e., nonpoint source pollution prevention), as its focus is a watershed protection approach for drinking water. The Program includes a watershed-by-watershed approach that will further current surface water restoration activities and implementation of nonpoint source BMPs and link these to drinking water source protection. The project includes community education and outreach and may serve as a model for national source water protection planning.	\$500.0		0
2	USACE	WQ	638	NTPUD, TCPUD, IVGID, Tahoe-Douglas & DCID Shorezone	Initiate project planning and feasibility that will lead to replacement or relocation of sanitary sewer lines located in the shorezone and stream environment zones (SEZ).	\$300.0		0
2	USACE	S, F	10119	Bio-Assessment Database	This project would identify relationships between the benthic macroinvertebrate (aquatic insect) community and land use. This Federally funded portion will complete the four top priority streams which will also provide a base for balance of the project.	\$170.0		0
2	USFS	WQ	967.111	Meeks W/S BMP Water Quality Upgrades	This project provides for the rehabilitation of the 2 existing campground areas at Meeks Bay Resort to the north of Meeks Creek, and Meeks Bay Campground to the south. The project will bring the facilities into compliance with the RWQCB Lake Tahoe Basin Plan and TRPA's 208 Plan. The project scope includes the removal of the dilapidated restroom building, construction of an up-to-date, accessible restroom, relocation of existing campsites out of the stream environment zone, asphalt paving of all vehicle areas to define circulation, restoration of compacted soil areas and implementation of water quality Best Management Practices.	\$1,731.0		0

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2	USFS	W	10163.2	Urban Lot Biodiversity Project - Completion	This proposal is intended to obtain funding needed to complete the Urban Biodiversity project as originally designed. The project began in 2002, and was originally limited to vegetation and a core set of animal species. Existing funding and proposals submitted for funding by the Lake Tahoe Basin Management Unit fully fund the project in 2004 and partially fund the project in 2005 using base funding, LTRA funding, and SNPLMA funding. In the original study plan, field data collection was scheduled to occur in 2003, 2004, and 2005, with 2006 being a final year of the project during which data analysis and writing would be completed. If LTBMU requests for SNPLMA funding for this project are fulfilled, funding needs remaining for 2005 are \$285,000 and for 2006 \$325,000 plus LTBMU oversight and administration costs. Thus, this proposal contributes to accomplishing an existing LTBMU LTRA project and a LTBMU SNPLMA proposal.	\$680.0		0
2	USGS		10154	National Map	This project will enhance the Tahoe Integrated Information Management System (TIIMS) and <i>The National Map</i> web interface by incorporating additional datasets as well as more advanced query and display techniques to present the results of scientific studies within the Lake Tahoe Basin.	\$115.0		0
2	USGS		10164	Topography Mapping	Procure high-resolution topographic data derived from Lidar sensors over the Upper Truckee Watershed and the North Star / Incline Village area. The accuracy of these data will be approximately 5 - 10 decimeters.	\$134.0		0
Total Round 5 Secondary Projects						\$3,630.0		

NOTE: Funds approved for the Primary Lake Tahoe Restoration Projects may be reprogrammed from the Primary category to the Secondary category of Lake Tahoe Restoration Projects in the event that a project(s) in the Primary Category becomes infeasible or actual costs are less than estimated costs.